FILE NOTATIONS Entered in NID File Checked by Chief Entered On S R Sheet Copy NID to Field Office Location Map Pinned Approval Letter Card Indexed Disapproval Letter IWR for State or Fee Land COMPLETION DATA: Date Well Completed 11-17-6 Location Inspected 4-2-62 OW_____ TA Bond released State of Fee Land LOGS FILED Driller's Log 1-12-62 Electric Logs (No. Sonic. OthersContinuous

,10°91

opy to 110

Budget Bureau No. 42-R359.4. Approval expires 12-31-60.

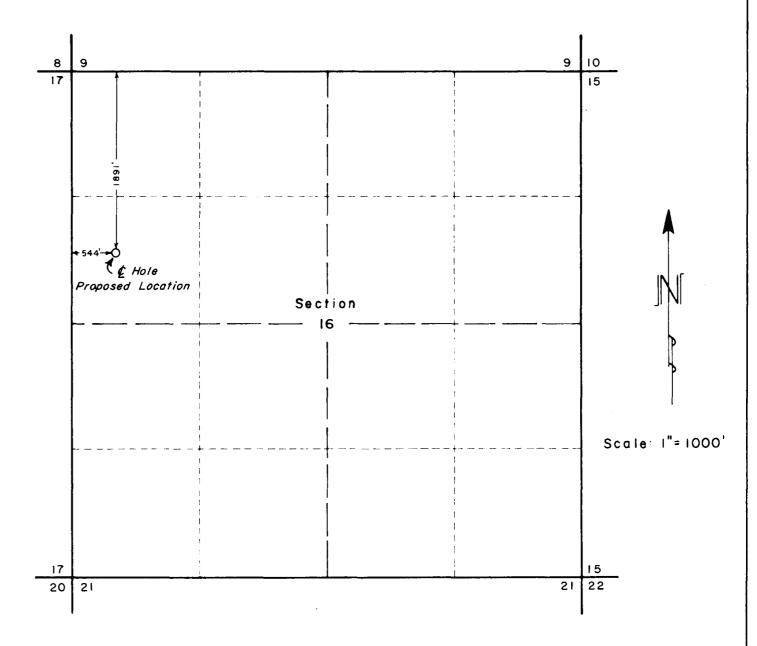
Form 9-881 b (April 1952)

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Indian A	lenea Ariedon Wee
Allettee	Nevajo
	14-20-603-361

NOTICE OF INTENTION TO DRIVE	1 2 1	SUBSEQUENT REPORT OF	E WATER CHUT OFF
NOTICE OF INTENTION TO DRILL			F SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATE		SUBSEQUENT REPORT OF	
NOTICE OF INTENTION TO REDRILL O			F REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR	ACIDIZE	SUBSEQUENT REPORT OF	F ABANDONMENT
NOTICE OF INTENTION TO PULL OR A	LITER CASING	SUPPLEMENTARY WELL I	HISTORY
NOTICE OF INTENTION TO ABANDON	WELL		
(INDIGAT	E ABOVE BY CHECK MARK NATU	re of report, notice, c	PR OTHER DATA)
			August 21 19.6
Navajo 'N'			
Vell No. <u>12-16</u> is loc	ated _1891_ft. from	line and	_ft. from kill line of sec16
WR NW Section 16			BEM
(14 Sec. and Sec. No.)	(Twp.) (Ra	igθ) (Δ	feridiau)
illdcat (Field)	San Juan (County or Sui	division)	(State of Territory)
·	• • • • • • • • • • • • • • • • • • • •	•	
The allowable of the control of the	above sea level i	s 49/9 ft. (un	graded ground).
ne elevation Constitue			
	DETAILS	OF WORK	
	DETAILS	OF WORK	posed casings; indicate mudding jobs, con
	DETAILS	OF WORK	posed casings; indicate mudding jobs, con
State names of and expected depths to	DETAILS o objective sands; show sizes, we ing points, and all other i	OF WORK ights, and lengths of pro mportant proposed work	posed casings; indicate mudding jobs, con
Proposed to drill we 5850°.	DETAILS objective sands; show sizes, we ing points, and all other ing the sands of	OF WORK ights, and lengths of pro mportant proposed work x Formation to	posed casings; indicate mudding jobs, cen k)
Proposed to drill we 5850°. Will set approximate	DETAILS objective sands; show sizes, we impoints, and all other in the standard of the standa	OF WORK ights, and lengths of pro important proposed work Formation to surface casi	posed casings; indicate mudding jobs, centill of a depth of approximate ang with cement circulate
Proposed to drill we 5850°. Will set approximate to surface.	DETAILS objective sands; show sizes, we impoints, and all other in the standard of the standa	OF WORK ights, and lengths of pro important proposed work Formation to surface casi	posed casings; indicate mudding jobs, centill of a depth of approximate ang with cement circulate
Proposed to drill we 5850°. Will set approximate to surface.	DETAILS objective sands; show sizes, we impoints, and all other in the standard of the standa	OF WORK ights, and lengths of pro important proposed work Formation to surface casi	posed casings; indicate mudding jobs, centill of a depth of approximate ang with cement circulate
Proposed to drill we 5850°. Will set approximate to surface. Will set 5-1/2" cast	DETAILS cobjective sands; show sizes, we impoints, and all other ing points, and all other ing p	OF WORK ights, and lengths of pro important proposed work ox Formation to surface casin coducing format	posed casings; indicate mudding jobs, cents) o a depth of approximate ng with cement circulate tions if commercial.
Proposed to drill we 5850°. Will set approximate to surface. Will set 5-1/2" cast	DETAILS cobjective sands; show sizes, we impoints, and all other in points, and all other in points in points, and all other in points	OF WORK ights, and lengths of pro important proposed work ox Formation to surface casin coducing format	posed casings; indicate mudding jobs, centill of a depth of approximate ang with cement circulate
Proposed to drill we 5850'. Will set approximate to surface. Will set 5-1/2" cas: I understand that this plan of work Company The Super.	DETAILS cobjective sands; show sizes, we ing points, and all other ing points of 8-5/8' ing through any provided in the control of	OF WORK ights, and lengths of pro important proposed work ox Formation to surface casin coducing format	posed casings; indicate mudding jobs, cents) o a depth of approximate ng with cement circulate tions if commercial.
Proposed to drill we 5850°. Will set approximate to surface. Will set 5-1/2" cast	DETAILS cobjective sands; show sizes, we ing points, and all other ing points of 8-5/8' ing through any provided in the control of	OF WORK ights, and lengths of pro important proposed work ox Formation to surface casin coducing format	posed casings; indicate mudding jobs, cents) o a depth of approximate ng with cement circulate tions if commercial.
Proposed to drill we 5850°. Will set approximate to surface. Will set 5-1/2" cast I understand that this plan of work Company The Super Address P. O. Draw	DETAILS cobjective sands; show sizes, we ing points, and all other ing points of 8-5/8' ing through any provided in the control of	OF WORK ights, and lengths of pro important proposed work ox Formation to surface casin coducing format	posed casings; indicate mudding jobs, centillook a depth of approximate ang with cement circulate tions if commercial.



WELL LOCATION: The Superior Oil Company - Navajo "N"-12-16

Located 1891 feet South of the North line and 544 feet East of the West line of Section 16,
Township 43 South, Range 25 East, Salt Lake Base & Meridian.
San Juan Co., Utah
Existing ground elevation determined at 4979 feet based on U.S.G.S. datum.

he has been been been plat represents a survey

shall til 12

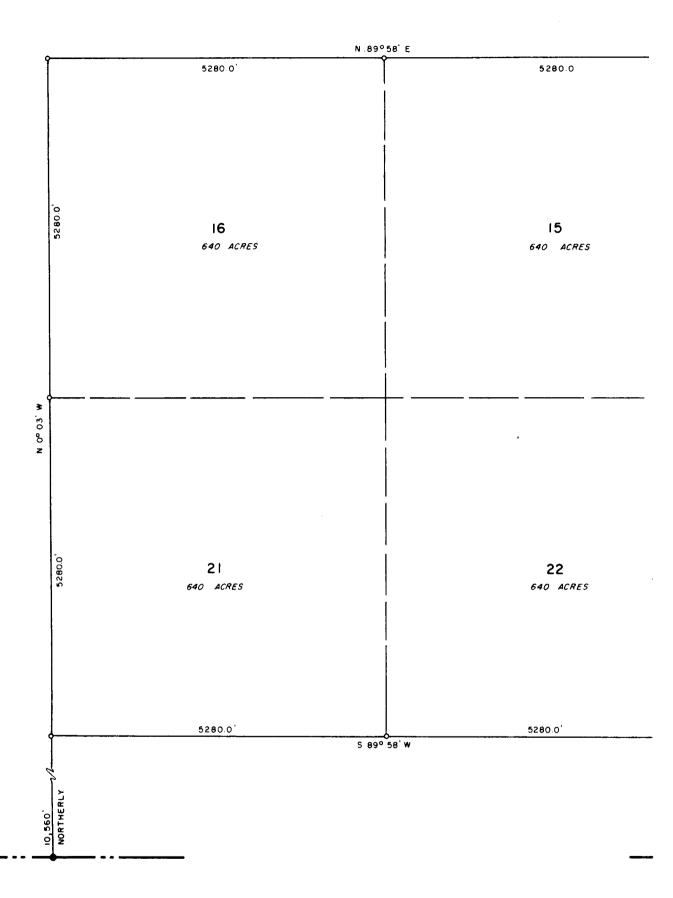
ELMER M CLARK
Registered Land Surveyor
State of Utah (No. 2307)

THE SUPERIOR OIL CO.

WELL LOCATION PLAT
SW 1/4 - NW 1/4 Sec. 16-T43S-R25E
San Juan Co., Utah

E.M. CLARK & ASSOC.
Durango , Colorado

DATE August 12,1961 FILE NO: 61055



LEGENE

Found U.S.B.L

Set 11/2" Pipi

I hereby certify the above plat represents a survey under my supervision and is accurate to the

ELMER M. CLARK Registered Land Surveyor State of Utch (No. 2307)

TRACT NO. U-85 (TRIBAL 14-20-603-361) (TRACT NO. 130) SURVEYED TRACT AREA = 2560 ACRES TRACT DESCRIPTION: T. 43 S., R. 25 E., Son Juan County, Utah Beginning at a point 31,152 feet west along the boundary between the States of Utah and Arizona and 10,560 feet north of point at origin, thence north 10,560 feet; thence west 10,560 feet; thence south 10,560 feet; thence east 10,560 feet to the point of beginning; the north, west, south and east boundaries of said tract being common to the south, east, north and west boundaries of Tracts 129, 121, 131 and 140, respectively. Tract No. 130 when surveyed will propobly be described as follows: ō °0 S will propably be described as follows: Township 43 South, Range 25 East, Salt Lake Meridian: Section 15: All Section 16: All Section 21: All Section 22: All and containing a total of approximately 2,560 acres. 31,152 WESTERLY COLORADO UTAH NEW MEXICO ARIZONA SUPERIOR OIL COMPANY Cortez, Colorado THE TRACT SURVEY of the M. Bross Cap NAVAJO U-85 LEASE SECTIONS 15, 16, 21 & 22, T. 43 S., R. 25 E. SAN JUAN COUNTY, UTAH s'with 2"x 2" Welded Plate SCALE: 1"= 1500" DATE: JULY 13, 1959 DRAFTED BY: J. L.C. APPROVED BY: E.M.C. CHECKED BY: J. L.C. E.M. CLARK & ASSOC.

FILE NO. 2 123/

Durango, Colorado

THE SUPERIOR OIL COMPANY

P. D. DRAWER G

CORTEZ. COLORADO

August 22, 1961

Department of the Interior United States Geological Survey P. O. Box 959 Farmington, New Mexico

Gentlemen:

Enclosed are four (4) copies of the tract survey of our Navajo U-85 Lease which lies in T43S, R25E San Juan County, Utah. Also included is a Notice of Intention to Brill and a location plat of our Navajo 'N' #12-16 wildcat which is located within the above tract.

Yours truly,

ORIGINAL SIGNED BY

W. M. Ramsburg

WMR/njh

This Coppers

cc: State (2)

August 24, 1961

The Superior Oil Company P. O. Drawer 'G' Cortex, Colorado

Attn: W. M. Ramsburg, Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Mavajo 'N' 12-16, which is to be located 1891 feat from the north line and 544 feat from the west line of Section 16, Township 43 South, Range 25 East, SLEM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION CONCESSION

CLEON B. FEIGHT, EXECUTIVE SECRETARY

CBF: awg

cc: P. T. McGrath, Dist. Eng.

U. S. Geological Survey

H. L. Coonts - OGCC, Mosb

RE

my

THE SUPERIOR OIL COMPANY

P. O. DRAWER G

September 19, 1960

United Geological Survey P. O. Box 959 Farmington, New Mexico

Attention: Mr. P. T. McGrath

Dear Sir:

An error has been noted on the Notice of Intention to drill of our Navajo 'N' #12-16, Sec. 16, T43S, R25E, San Juan County, Utah. The error is in the compass directions describing the location of said well and should be corrected to read as follows:

Well number Navajo 'N' #12-16 is located 1891' from North line and 544' from West line of Section 16.

Please make this correction on your copy of the Notice.

Yours truly,

Original Signed By W. M. RAMSBURG

W. M. Rameburg

WMR/nh

Copy 1. 4/c

Budget Bureau No. 42-R359.4. Approval expires 12-31-60.

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(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Indian Age	ncy Window	Roel
Allottee	Navajo	
Lense No	14-20-603-	-361

SU	NDRY NOTICES A	ND REPORT	S ON WELLS	
NOTICE OF INTENTION	TO DRILL	SUBSEQUENT REPORT	OF WATER SHUT-OFF	
NOTICE OF INTENTION	TO CHANGE PLANS	SUBSEQUENT REPORT	OF SHOOTING OR ACIDIZING	
B .	TO TEST WATER SHUT-OFF	<u> </u>	OF ALTERING CASING	l l
	I TO REDRILL OR REPAIR WELL	- 1	OF REDRILLING OR REPAIR	17
	I TO SHOOT OR ACIDIZE	 	OF ABANDONMENT	
i	TO ABANDON WELL	SOFFLEMENTANT WEL	L HISTORI	
	(INDICATE ABOVE BY CHECK MARK	nature of report, not ici	E, OR OTHER DATA)	
		panboon	November 22	, 19 61
Nava j Well No. #12-1	o 'N' 6 is located 1891 ft. fro	$ \mathbf{m} \stackrel{\text{N}}{\underset{\mathbf{K}}{\mathbf{K}}} \text{ line and } \underline{54} $	4. ft. from $\{E\}$ line of	sec. 16
SW NW Section	16 43S No.) (Twp.)	25E (Range)	SLB&M (Meridian)	
Wildcat			•	
(Field)		or Subdivision)	(State or Territory)	********
SPUDDED;	ing points, and all o	ther important proposed w	ork)	
ABANDONED:	11-17-61			
<u>TD</u> :	5808' <u>PBTD</u> : 5775'			
<u>CASING</u> :	8-5/8" set at 514' wit 5-1/2" set at 5808' wi			
I understand that th	is plan of work must receive approval in	writing by the Geological S	Survey before operations may be	commenced.
Company	THE SUPERIOR OIL COMPAN	<u>Y</u>		ada Janes per per la con la co
Address	P. O. DRAWER "G"			
	CORTEZ, COLORADO	Ву	ORIGINAL SIGNED BY C. R. Waller	
		Title	C. R. Waller Engineer	

CRW/njh

U. S. GOVERNMENT PRINTING OFFICE 16-8437b-8

LOG TOPS: Hermosa 4597' Ismay 54541 Lower Ismay 55561

> Gothic 5626' Desert Creek 5650'

DRILL STEM TESTS:

5567'-5585' (Straddle Test) 1/2 hr. ISI, 1 hr. test, fair blow, GTS immediately TSTM, 1 hr. FSI -

Rec. 300' 0&GCM, 1000' free oil, 2300' SW, ISIP - 2080#, FP - 500#-1595#, FSIP - 2055#, HD - 2995, Bottom Press -

3050#.

PERFORATIONS: 5573-74', 5578-79'

TREATMENTS:

Squeeze cemented perfs 5573'-74' and 5578'-79' with 30 sacks to shut off water.

PERFORATIONS: 5572'-74'

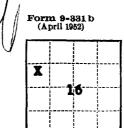
TREATMENT:

Acidized with 300 gal BDA, spotted across perfs. Max pressure -6000/2550#. Injection Rate - 2 BPM.

ABANDONMENT: (Temporary)

Plug #1 - 25 sacks equalized with DP hung to 5577'. (Fillup 5577-5371')

Welded on cap with valve and gage to 52" casing.



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Indian Ager	Window	Rock
Allottee	Navajo	
Lease No	14-20-603	-361

NOTICE OF INTENTION TO DRILL			SURSEQUENT REPO	RT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PI		1	II	RT OF SHOOTING OR ACIDI	į.
NOTICE OF INTENTION TO TEST WATE				RT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL O				ORT OF REDRILLING OR REF	
NOTICE OF INTENTION TO SHOOT OR			1	ORT OF ABANDONMENT	- '
NOTICE OF INTENTION TO PULL OR A			li	VELL HISTORY.	i
NOTICE OF INTENTION TO ABANDON		X	SOFFLEMENTARY	VELL HISTORY.	
TOTICE OF INTERVIOR TO ADMIDON	17 			***************************************	
(INDICATE	E ABOVE BY CHECK M	ARK NAT	URE OF REPORT, NOT	ICE, OR OTHER DATA)	
				November 22	, 19 <u>_61</u>
Navajo 'N'			4.5		-
Vell No. 12-16 is loc	ated <u>1891</u> ft.	. from	$\lim_{n \to \infty} \lim_{n \to \infty} \frac{1}{2}$	44 ft. from $\left\{\begin{array}{c} E \\ X \end{array}\right\}$ li	ne of sec16
SW NW Section 16	438	25	5E S	LB&M	
(¼ Sec. and Sec. No.)	(Twp.)		ange)	(Meridian)	
Wildcat	San J uar	1		Utah	
(Field)			abdivision)	(State or Te	rritory)
		_			
he elevation x x x x x x x x x x x x x x x x x x x	XXXXX above sea	a level	is 4990 ft.K	.В.	
	DE	TAILS	OF WORK		
itate names of and expected depths to	objective sands; sho	w sizes, w	reights, and lengths	of proposed casings; indicate	mudding jobs, comen
itate names of and expected depths to	objective sands; sho	w sizes, w		of proposed casings; indicate I work)	mudding jobs, comer
Propose to temporarilin 52" casing with Di	objective sands; sho ing points, and	ow sizes, w I all other	reights, and lengths of important proposed	l work)	
Propose to temporarilin 5½" casing with DI	objective sands; sho ing points, and ly plug and P hung to 55	aband	reights, and lengths of important proposed	l work)	
Propose to temporaril	objective sands; sho ing points, and ly plug and P hung to 55	w sizes, w I all other aband	reights, and lengths of important proposed	l work)	
Propose to temporarilin 5½" casing with DI	objective sands; sho ing points, and ly plug and P hung to 55	w sizes, w I all other aband	reights, and lengths of important proposed	l work)	
Propose to temporarilin 5½" casing with DI	objective sands; sho ing points, and ly plug and P hung to 55	w sizes, w I all other aband	reights, and lengths of important proposed	l work)	
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Propose to temporarilin 5½" casing with DI	objective sands; sho ing points, and ly plug and P hung to 55	w sizes, w I all other aband	reights, and lengths of important proposed	l work)	
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Propose to temporarilin 5½" casing with DI	objective sands; sho ing points, and ly plug and P hung to 55	w sizes, w I all other aband	reights, and lengths of important proposed	l work)	
Propose to temporarilin 5½" casing with DI	objective sands; sho ing points, and ly plug and P hung to 55	w sizes, w I all other aband	reights, and lengths of important proposed	l work)	
Propose to temporarilin 5½" casing with DI	objective sands; sho ing points, and ly plug and P hung to 55 and gage on	aband 577'.	reights, and lengths of important proposed lon by equal assing.	izing 25 sacks o	cement
Propose to temporarilin 5½" casing with Di Weld cap with valve a	objective sands; sho ing points, and ly plug and p hung to 55 and gage on	aband 577 . 5½ c	reights, and lengths of important proposed lon by equal assing.	izing 25 sacks o	cement
in 52" casing with DI Weld cap with valve	objective sands; sho ing points, and ly plug and p hung to 55 and gage on	aband 577 . 5½ c	reights, and lengths of important proposed lon by equal assing.	izing 25 sacks o	cement
Propose to temporarilin 5½" casing with Di Weld cap with valve a superiority of the super	objective sands; sho ing points, and ly plug and p hung to 55 and gage on	aband 577 . 5½ c	reights, and lengths of important proposed lon by equal casing.	izing 25 sacks of	may be commenced.
Propose to temporarilin 5½" casing with Di Weld cap with valve a superiority of the super	objective sands; sho ing points, and ly plug and P hung to 55 and gage on must receive approv	aband 577 . 5½ c	reights, and lengths of important proposed lon by equal casing.	izing 25 sacks (may be commenced.

Form 9-331 b (April 1952)

(SUBMIT IN TRIPLICATE)

Budget Bureau No. 42-R359.4. /
Approval expires 12-31-60.
Window Rock

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

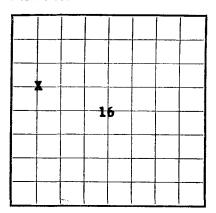
Indian Agency
N 4-
Allottee Navajo
Lease No. 14-20-603-361
APRIL 11V1

SUNDRY NOTICES	S AND REP	ORTS ON WELLS
NOTICE OF INTENTION TO DRILL	SUBSEQUEN	T REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS		T REPORT OF SHOOTING OR ACIDIZING.
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.		T REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	1 1	T REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUEN	T REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMEN	TARY WELL HISTORY.
NOTICE OF INTENTION TO ABANDON WELL	X	
(INDICATE ABOVE BY CHECK	MARK NATURE OF REPOI	RT, NOTICE, OR OTHER DATA)
		November 29 19 61
Navajo 'N' Well No. #12-16 is located 1891 for	,	,
SW NW Section 16 43S (14 Sec. and Sec. No.) (Two.)	25E (Range)	SLB&M (Meridian)
Wildcat San Ju		Iteah
	ounty or Subdivision)	(State or Territory)
(State names of and expected depths to objective sands; sh	ETAILS OF WO	ngths of proposed casings; indicate mudding jobs, coment-
	d all other important p	roposed work)
T.D.: 5808'		
Propose to temporarily plug in $5\frac{1}{2}$ " casing with DP hung t	and abandon b	y equalizing 25 sacks cement
Weld cap with valve and gage	on 5½" casin	g .
This well will remain tempor surrounding acreage is fully be either plugged and abando	evaluated.	At this time, the well will
I understand that this plan of work must receive appro	wal in writing by the Go	ological Survey before operations may be commenced.
Company THE SUPERIOR OIL COMP	ANY	
P. O. DRAWER 'G'		
CORTEZ, COLORADO		ORIGINAL SIGNED BY
		C. R. Waller
		Title Engineer

N

esto Li

Form 9-330



U. S. LAND OFFICE Sante Fe
SERIAL NUMBER 14-20-603-361
LEASE OR PERMIT TO PROSPECT NEVE JO

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

_	•		-	-			P. O. Drawer			
							Wildcat			
Well N	Well No. 12-16 Sec. 16 T. 438 R. 258 Meridian Location 1891 ft. S . of N Line and 544 ft. W .					SLBAM	Cou	inty .San	Juan	
Locatio	n 1891 ft.	S. of	Line a	nd 544	ft. W.	of <u>B</u>	Line of _section	n 16	Eleva	tion 4990
Th		n given h	erewith is	s com	olete and records. Signed	Correct ORIGINA	record of the w	ell and all	work d	one thereon
Date	January	10, 196	2			C. R. V	Title Dri	lline E	nginee	c
					ition of	the well	at above date.			
	_		-				d drilling	ctober_	29	, 19 61 .
	J						R ZONES			,
					(Denote g					
							from			
							from			
No. 3,	from		. to			No. 6,	from	to		
			1	MPOR'	TANT V	VATER	SANDS			
No. 1,	fromNo	3 e	. to			No. 3,	from	to		
No. 2,	from		_ to			No. 4,	from	to	·	
,			···	C	ASING	RECOR	D			
Size casing	Weight Ti	nreads per inch	Make	Amoui	nt Kind	of shoe	Cut and pulled from	Perfor		Purpose
- 1	If plugs or bric	ges were p	្រ វិក សិទិខន	for water	, state k h	fd of mate	rial used, position,	and remine	ef pampi <u>Lo</u> —	ng or bailing.
State Strate	reast for the keditor le t-in-	Cork and i	ts lesids. Gestalije e	77-2868	were and	FRAFES I	Please state in deta made di the casing, een de gried, giv erial used, position,	513 2247	3574 81	THE SOSPEL
			HIS	TORY	OF CIL	OF G	AS WELL	18084 7 7	. 60 /2 RMH 41	PRINTING OFFICE
			MUDI	ING A	ND CE	MENTI	NG RECORD			
Size casing	Where set	Numb	er sacks of co	ment	Meth	od used	Mud gravity	An	nount of m	ud used
5/8!!	514		150		Cina t	o gurf	Me ₃			
1/2"	5808		150		Pump &		1 -	-		
								-		
								l l		
				PLUC	S AND	ADAP1	TERS	*		

1	Size casing	Whe	e set	Number sa	cks of cement	Meth	od used	Mud gravity	Amount of mud used		
/ 8•	-5/8"	51	4	1	50.	Cire t	o surfac				
	-1/2"										
							į				
-			I-		 		ADAPTE				
	Heavir	ng plug-	Mater	ial	i				pth set		
			1								
	Adapters—Material			!	į	RECOR					
	Size		Shell used	ı Ex	plosive used	Quanti	ty Date	Depth shot	Depth cleaned out		
			<u> </u>		1	1 1		1			
					1			1			
						TOOLS	USED				
	Rotary	tools v	vere use	ed from	 fe	et to - 58	08 fee	t, and from	feet tofeet		
	Cable	tools we	re used	from	fe	et to	fee	t, and from	feet to feet		
	Oper	ations	Suspe	ended		DAT	TES .	T11. 11	- 12-61		
				er-16,	19 61		Put to pro	oducing ///	- 17 -6/ , 19		
	Tl	he prod	uction 1	for the first	24 hours w	as337-	barrels	of fluid of which			
	emulsi	on 100 .	% wat	er; and .	-% sedimen	t.		Gravity, °Bé.	***************************************		
	If	gas we	ll, cu. ft	t. per 24 ho	urs		Gallons gas	soline per 1.000	cu. ft. of gas		
		•	1	_	n	i	O ·	,	5		
		oon pro		se. per sq		EMPLO	OYEES				
Cr	1tr:	MtnS	tates	-Dri-lline	Co. , Drill				, Driller		
-			l .		Drill				, Drille		
			!			š	N RECOR				
	FR	<u></u>		то	TOTAL F	EET		FORM	ATION		
						-	FORMATION FORMATION				
			Log To	ops:							
			,	iermosa	4	597'					
			[]	Isnay	.	454'					
				Lower Iss		556'					
			1 I	Gothic Sh Desert Cr	1 .	626' 650'					
			i I	Desert Gr f.D.	1 2	808'					
]								
						:					
1	1										
/V.	£										
,	F350	74 ·	1	(E43) +	33 37 Z C A	ik'sh		18. 4. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.			

MUDDING AND CEMENTING RECORD

16.

DEPARTMENT OF THE INTERIOR (Other instructions verse side)

4990' KB

Form approved. Budget Bureau No. 42-R1424.

Utah

5. LEASE DESIGNATION AND SERIAL NO.

GEOLOGICAL SURVEY	14-20-603-361
CECEGGICAE SURVEY	

	(Do not use this form for proposa	CES AND REPORTS ON WELLS ls to drill or to deepen or plug back to a different reservoir. TION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1.	OIL GAS GAS OTHER		7. UNIT AGREEMENT NAME NGne
2.	NAME OF OPERATOR The Superior Oil Compar	y	8. FARM OR LEASE NAME. Navajo 'N'
3.	ADDRESS OF OPERATOR P. O. Drawer 'G', Corte	z. Colorado	9. WELL NO. #12-16
1.		arly and in accordance with any State requirements.*	10. FIELD AND POOL, OR WILDCAT Wildeat
	1891' S/N and 544' W/E	Section 16	11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA Sec 16-143S-R25E SLB&M
14.	PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE

Lapa NhC

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF REPAIRING WELL.			
FRACTURE TREAT		MULTIPLE COMPLETE	l	FRACTURE TREATMENT ALTERING CASING			
SHOOT OR ACIDIZE		ABANDON*	X	SHOOTING OR ACIDIZING ABANDONMENT*			
REPAIR WELL		CHANGE PLANS		(Other)			
(Other)			<u> </u>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Propose to abandon the well as follows (Est. starting date: Feb. 11, 1964)

- 1) Cut off and salvage 5-1/2" csg at approximately 4500'.
- 2) Equalize the following cement plugs:

Note: Perfs @ 5572-74' sealed by existing 25 sx plug placed on Nov. 16, 1963.

Plug #1: With thg @ 2500', equalize 50 sxs across top of DeChelly formation.

(Calculated top: 2325')

With tbg @ 1300', equalize 50 sks across top of Navajo formation.

(Calculated top: 1125')

Place ten sks in top of 8-5/8" casing at surface.

3) Weld steel plate to 8-5/8" casing stub and erect std dry hole marker.

Note: Verbal approval by Mr. John Ward, USGS, Farmington, N.M. on Feb. 4, 1964. APPROVED BY UTAH OIL APID GAS

PATE 2/14/64 or VanCA Buchell

San Juan

	he foregoing is true and correct N. SIGNED BY	t			
SIGNED	C. GORDY	TITLE	Drilling Engineer	DATE Fe	b. 11, 1964
(This space for Federa	l or State office use)				
APPROVED BY CONDITIONS OF APP	PROVAL, IF ANY:	TITLE		DATE	

*See Instructions on Reverse Side

Form	9-331
(May	1963)

ED STATES DEPARTMENT OF THE INTERIOR (Other instruction)

ATE*

Form approved.

Budget Bureau No. 42-R1424.

5.	LEASE	DESIGNATION	AND	SER
1	4-21	3-603-36	1 -	

	GEOLOGICAL	SURV
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de	(Do not use this form for proposals to drill or to	deepen o

	NOTICES AND REPORTS ON WELLS proposals to drill or to deepen or plug back to a different reservoir. PLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
OIL GAS WELL OT	IER	7. UNIT AGREEMENT NAME Note
2. NAME OF OPERATOR The Superior Oil Co	ompany	8. FARM OR LEASE NAME.
B. O. Drawer 'G'.	Cortez, Colorado	9. WELL NO. #12-18
4. LOCATION OF WELL (Report loca See also space 17 below.) At surface	tion clearly and in accordance with any State requirements.*	10. PIELD AND POOL, OR WILDEAT Wildeat
1891' S/N and 544'	W/E Section 16 $N = S \in N \in \mathbb{R}$	11. SEC., T. R., M., OR SER. AND ADEVEY OF AREA Sec. 16., T436, R25E - SLB&
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4990 KB	12. COUNTY OR PARISH 13; STATE San Juan Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

	$\overline{}$!		
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING
SHOOT OR ACIDIZE		ABANDON*		SHOOTING OR ACIDIZING		ABANDONMENT*
REPAIR WELL	L.	CHANGE PLANS		(Other)		
(Other)			ll	(Note: Report res Completion or Reco	ults o mplet	f multiple completion on Well ion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plugged and abandoned well as follows: (Work completed February 13, 1964.)

NOTE: Existing plug of 25 sacks placed across perforations at 5572*-74' on November 16, 1961.

- 1) Worked pipe, indicated free point at 2000'. Shot pipe at 2076 and pulled 68 its 5-1/2" casing.
- 2) Equalized 50 sacks cement with tubing at 2100' across top of sut off.
- 3) Equalized 50 sacks cement with tubing at 1300' across top of Ravajo formation.
- Placed 10 sacks in top of the 8-5/8" surface casing, welded extent plate to the top of the casing stub, and erected a standard dry hole marker.

18. I hereby certify that the foregoing is true and correct ORIGINAL SIGNED BY. SIGNED J. C. GORDY	TITLE	Drilling Engineer	DATE Fab. 25, 1964
J. C. Gordy (This space for Federal or State office use)			
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE		DATE

JCG/njh

*See Instructions on Reverse Side